

Attorney Docket No.: ISPH-0612



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **OLIGONUCLEOTIDE MODULATION OF CELL ADHESION** the specification of which:

() is attached hereto.

(XX) was filed on October 18, 2001 as Application Serial No. 09/982,262 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Country	Number	Date Filed	Priority Claimed			
			Yes		No	
			Yes		No	
			Yes		No	

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (pending, patented)
09/659,288	September 12, 2000	Pending
09/128,496	August 3, 1998	Patented
08/440,740	May 12, 1995	Patented
08/063,167	May 17, 1993	Patented
07/969,151	February 10, 1993	Abandoned
08/007,997	January 21, 1993	Patented

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jane Massey Licata, Reg. No. 32,257
 Kathleen A. Tyrrell, Reg. No. 38,350
 Laura M. Plunkett, Reg. No. 45,015
 Bridget C. Sciamanna, Reg. No. 47,333

of Licata & Tyrrell P.C.
 66 E. Main Street
 Marlton, NJ 08053

Herb Boswell, Reg. No. 27,311
 Laurel Spear Bernstein, Reg. No. 37,280
 Robert S. Andrews, Reg. No. 44,508
 April Logan, Reg. No. 33,950

Neil S. Bartfeld, Reg. No. 39,901
 Kenneth H. Tarbet, Reg. No. 43,181
 Donna T. Ward, Reg. No. 48,271

of Isis Pharmaceuticals, Inc.
 Carlsbad Research Center
 2292 Faraday Avenue
 Carlsbad, CA 92008

Address all telephone calls and correspondence to:

Jane Massey Licata or Kathleen A. Tyrrell
 Licata & Tyrrell P.C.
 66 East Main Street
 Marlton, New Jersey 08053
 Telephone No.: 856-810-1515

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	Full Name:	Inventor's Signature:	Date:
	C. Frank Bennett	<i>C. Frank Bennett</i>	1-25-02
	Residence: 1347 Cassins Street Carlsbad, CA 92009	Citizenship: U.S.A.	
	Post Office Address: Same as above.		
2	Full Name:	Inventor's Signature:	Date
	Christopher Mirabelli	<i>C. Mirabelli</i>	Jan 11, 2002
	Residence: 6 Pine Street Dover, MA 02030	Citizenship: U.S.A.	
	Post Office Address: Same as above.		